

Title (en)  
BONE PLATE STABILIZATION SYSTEM AND METHOD FOR ITS USE

Title (de)  
KNOCHENPLATTEN-STABILISIERUNGSSYSTEM UND ANWENDUNGSVERFAHREN

Title (fr)  
SYSTEME DE STABILISATION DE LAME OSSEUSE ET SA METHODE D'UTILISATION

Publication  
**EP 1617772 A2 20060125 (EN)**

Application  
**EP 04760065 A 20040421**

Priority  
• US 2004012230 W 20040421  
• US 41965203 A 20030421

Abstract (en)  
[origin: US2004210219A1] A method for joining first and second bones is provided. The method comprises inserting between the side surfaces of the bones a base plate having a first end nearer the first bone and a second end nearer the second bone. The base plate has a first screw hole extending through the first end and a second screw hole extending through the second end. A first bone screw is introduced through the first screw hole and into the first bone. The first bone screw is introduced at an angle relative to the top surface of the bone ranging from about 20° to about 60°. A second bone screw is introduced through the second screw hole and into the second bone. The second bone screw is introduced at an angle relative to the top surface of the bone ranging from about 20° to about 70°. At least a part of the first bone screw and at least a part of the second bone screw are covered to prevent the first and second bone screws from backing out of the first and second bones, respectively.

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**A61B 17/70**

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**A61B 17/70** (2006.01); **A61F 2/28** (2006.01); **A61F 2/30** (2006.01); **A61F 2/44** (2006.01)

CPC (source: EP US)  
**A61B 17/7059** (2013.01 - EP US); **A61B 17/8042** (2013.01 - EP US); **A61F 2/28** (2013.01 - EP US); **A61F 2/4455** (2013.01 - EP US); **A61F 2002/2835** (2013.01 - EP US); **A61F 2002/30578** (2013.01 - EP US); **A61F 2002/30604** (2013.01 - EP US)

Cited by  
US9943417B2; US11413159B2; US11717421B2

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